Metric #languages (Total 33)	Params	Seq. Len.	Avg.	MLDR nDCG@10 13	MIRACL nDCG@10 18	MKQA recall@20 25	BEIR nDCG@10 1	LoCo nDCG@10 1
BM25	-	-	47.0	53.6	31.9	28.1	41.7	79.9
mE5-base	279M	514	53.5	30.5	62.3	53.7	48.9	72.2
mE5-large	560M	514	57.7	34.2	65.4	63.5	51.4	74.3
E5-mistral-7b	7111M	32768	62.4	42.6	62.2	62.4	56.9	87.8
OpenAI-3-large	-	8191	-	-	54.9	62.1	55.4	79.4
BGE-M3 Dense			64.3	52.5	67.7	67.8	48.7	84.9
BGE-M3 Sparse	568M	8192	55.1	62.2	53.9	36.3	38.3	84.9
BGE-M3 Dense + Sparse			67.7	64.8	**68.9**	**68.1**	49.4	87.4
gte-multilingual-base Dense			66.7	56.6	62.1	65.8	51.1	88.9
gte-multilingual-base Sparse	304M	8192	57.2	71.0	55.9	31.6	39.2	88.1
gte-multilingual-base Dense + Sparse			**68.9**	**71.3**	64.5	66.0	**51.4**	**91.3**